

Automata for Regular Expression Scanner

Start

> ①

letter, digit, punctuation

②
period

③
ordchar

④ t, n, d, D, a, A, w, W, s, S, spacechar → ⑤ escchar

⑥
lbrack

⑦
rbrack

⑧
lparen

⑨
rparen

*
⑩
~~caret~~
asterisk

?
⑪
qmark

+
⑫
~~dot~~
plus

|
⑬
pipe

^
⑭
caret

\$
⑮
dollar

letter → [a-z][A-Z]

digit → [0-9]

punctuation →

the punctuations defined
in ordinary char
by Bryant

spacechar as defined by
Bryant

precedence

Q: What automata
can possibly get
character set scanned?
[ab] [^ab] [a[^b]] ...